

Serial No.: 10/507,412  
Docket No.: 28951.5341

IN THE CLAIMS:

1-8. (Canceled).

9. (New) An analysis apparatus for irradiating detection light and reading a state of an analysis object, the analysis apparatus comprising:

an analysis disc including:

an analysis object located on a reading area (109) of the analysis disc; and

a mark (110) recorded in a radial direction in one of rotationally frontward and rearward positions from the reading area;

a pickup (103) for tracing a track and detecting the mark and detection light reflected from the analysis object; and

an image processor for acquiring video or counting shape of the analysis object through video processing by aligning the analysis object and a reading signal of the mark by a time axis relative to a position of the mark, and wherein the analysis object and the reading signal of the mark are read in time series by the pickup.

10. (New) The analysis apparatus according to claim 9, wherein the image processor is for managing a result of the video processing based on a specific pattern in association with the reading area.

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11. (New) The analysis apparatus according to claim 9, wherein the image processor is for managing a result of the video processing based on a specific pattern in association with the analysis object in the reading area.